



Neural Network Time Series Forecasting of Finite-Element Mesh Adaptation

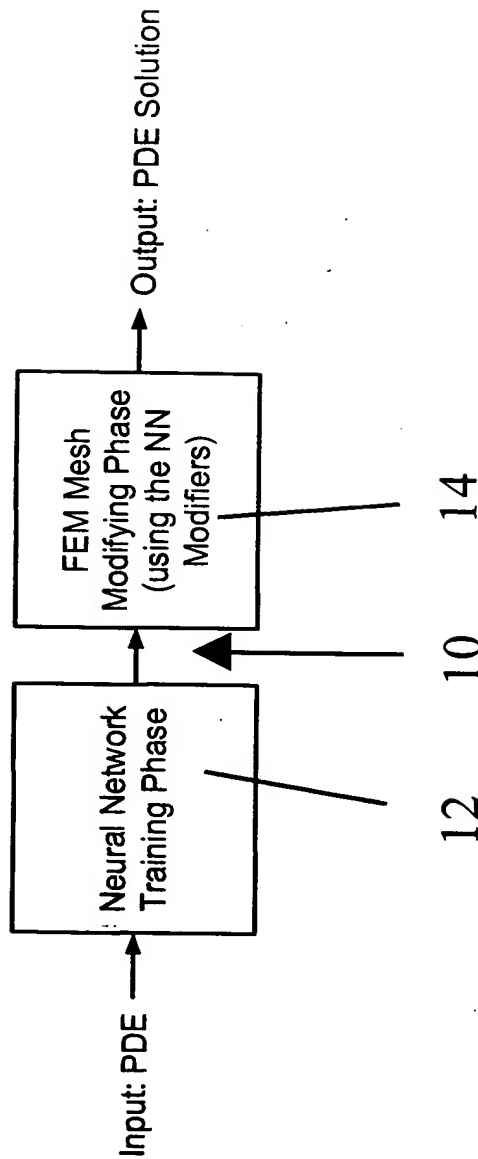


Fig. 1

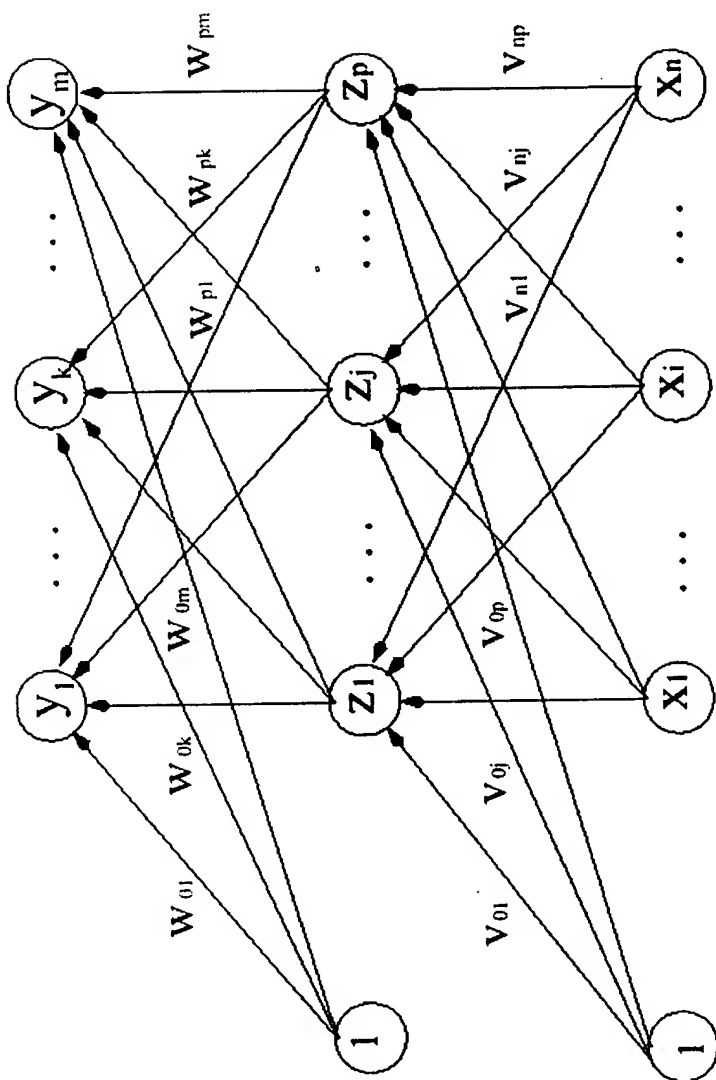


Fig. 2

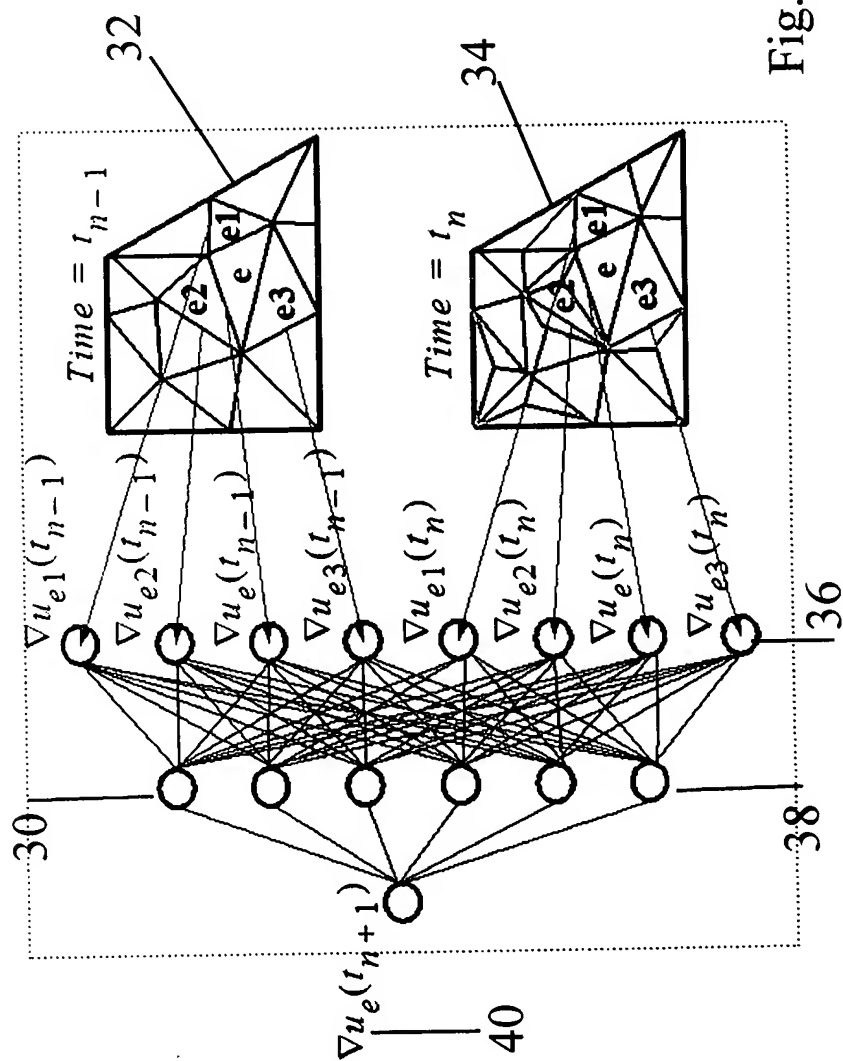


Fig. 3

Fig. 4A
 Fig. 4B

Fig. 4

Neural Network Training Phase

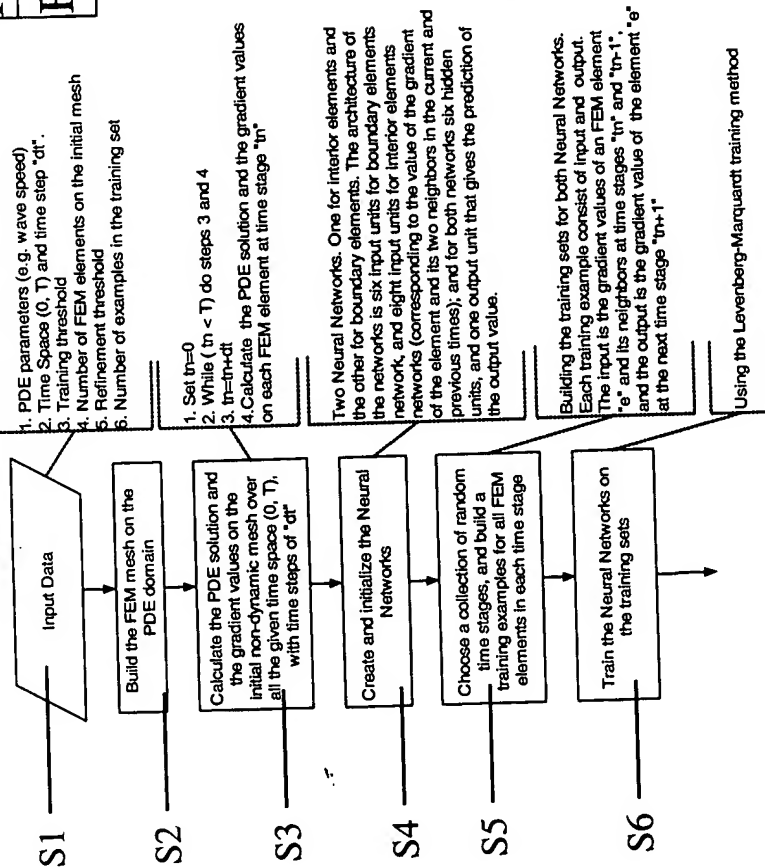


Fig. 4A

FEM Mesh Adaptation Phase

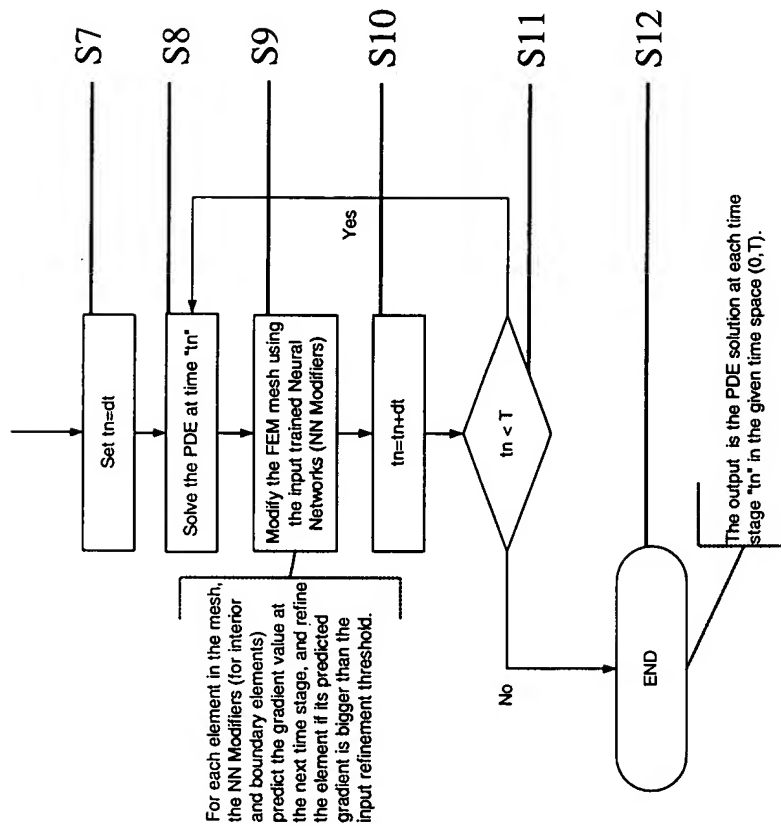


Fig. 4B

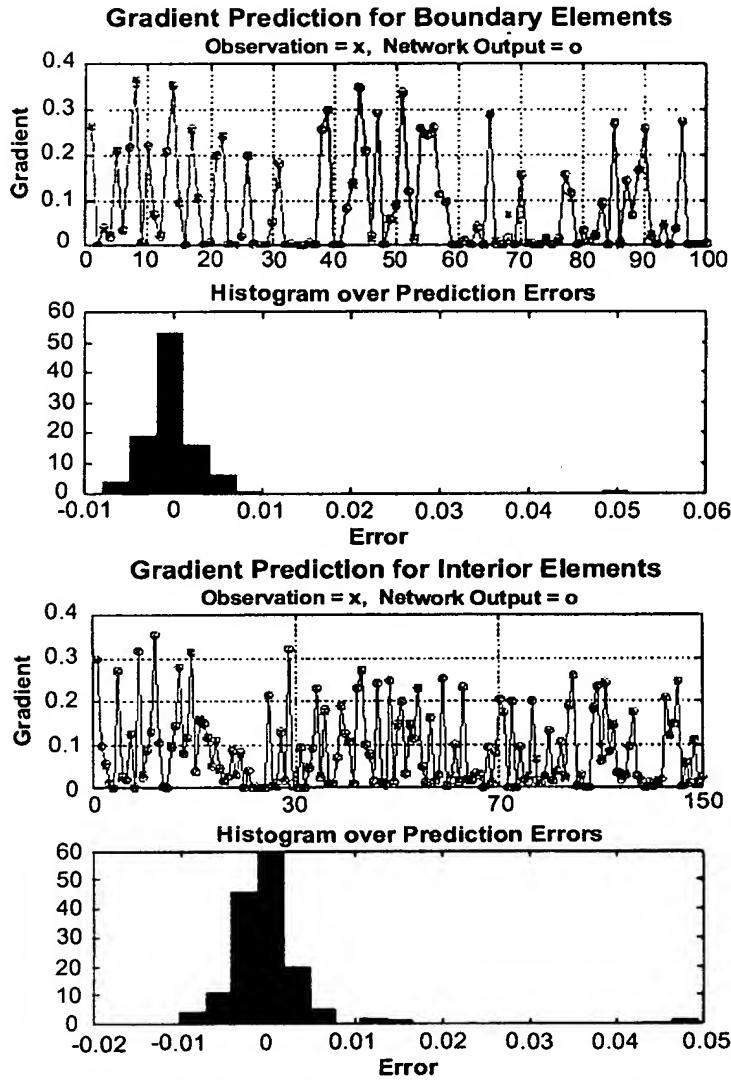


Fig. 5

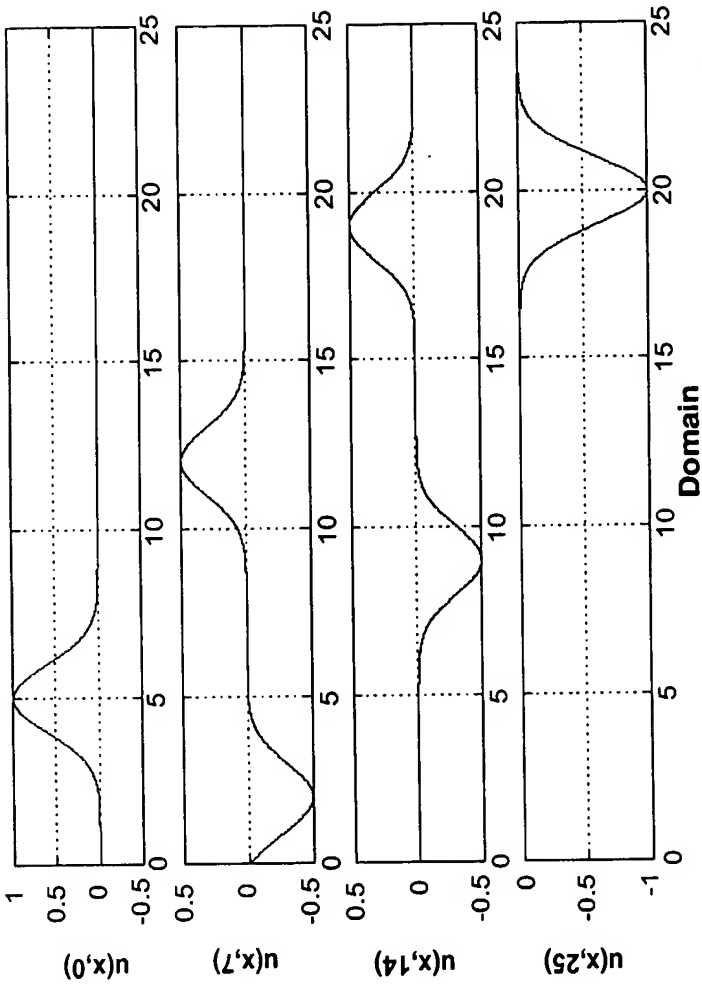


Fig. 6

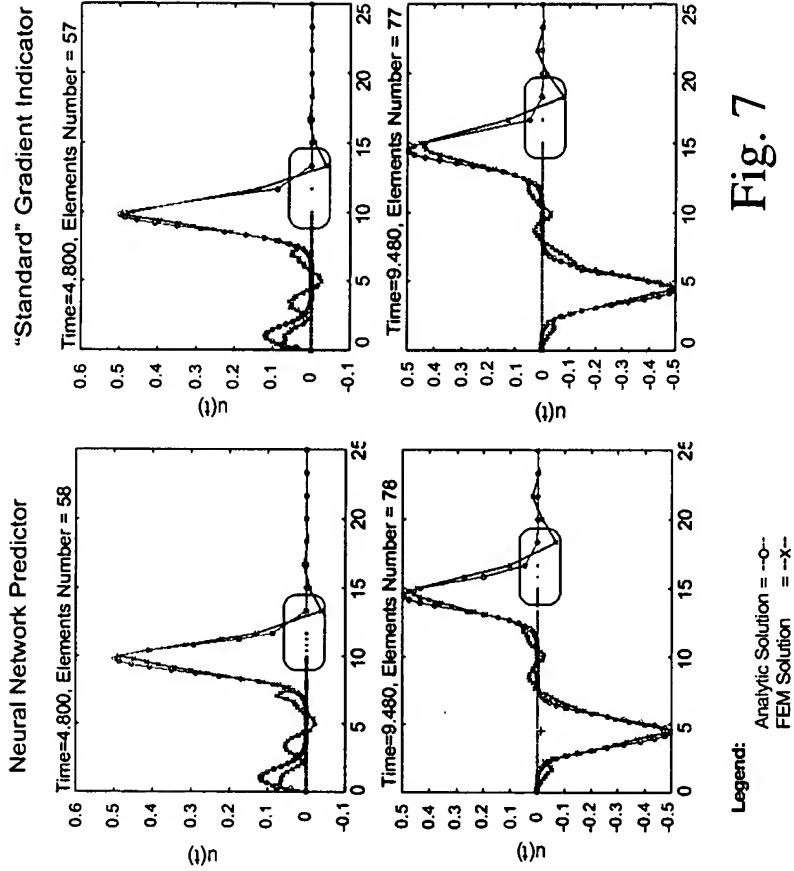
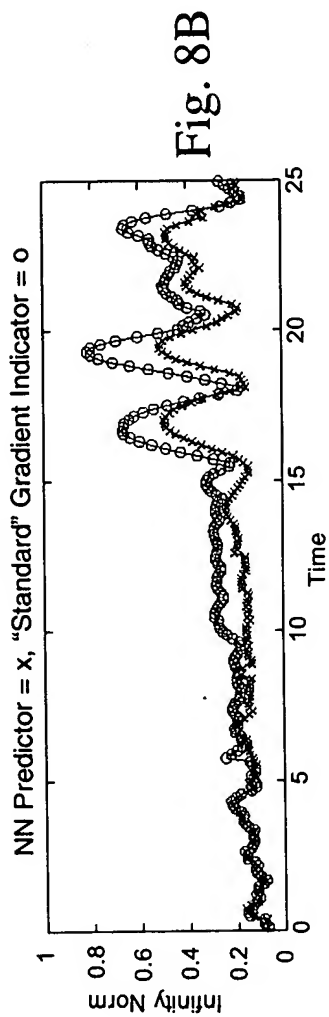
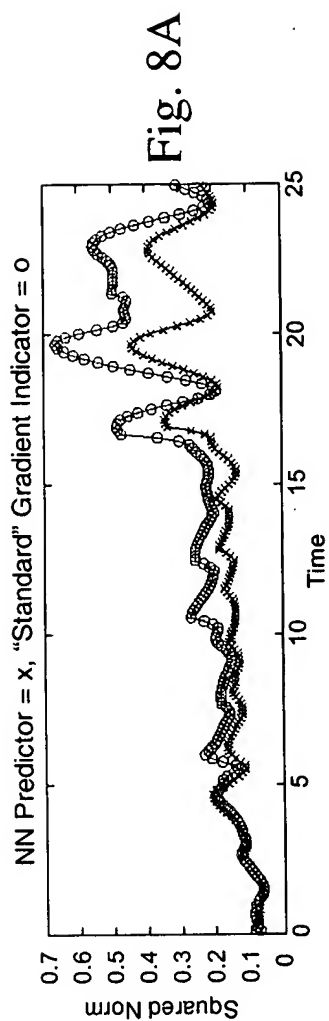


Fig. 7



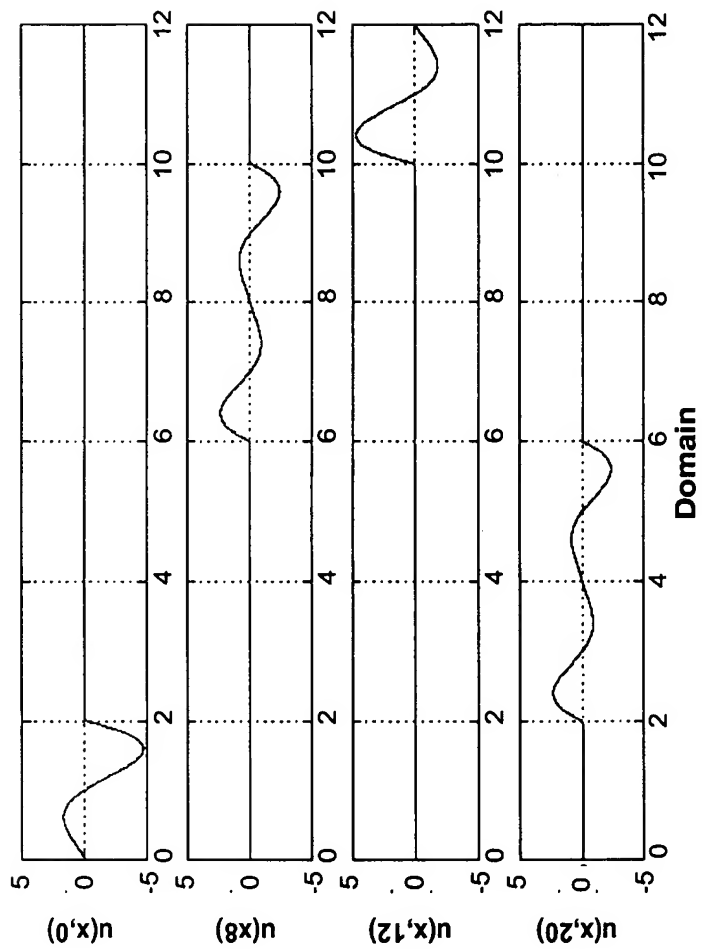


Fig. 9

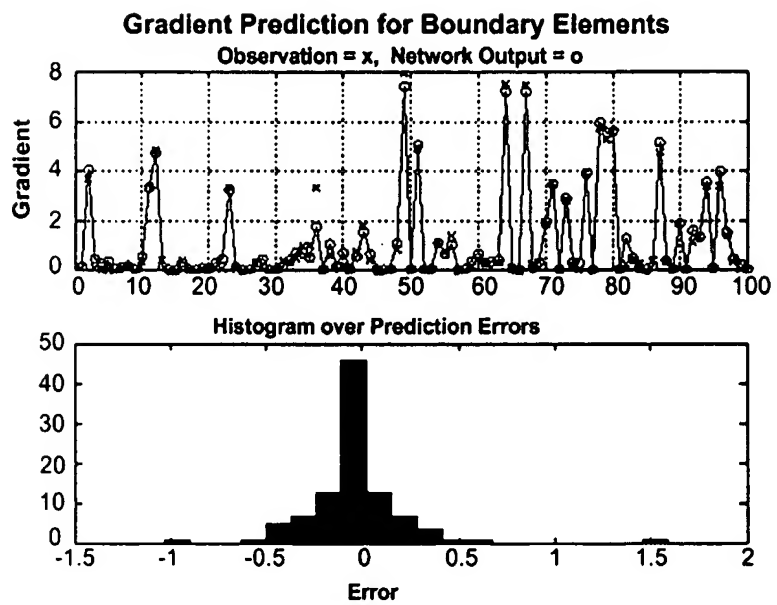


Fig. 10A

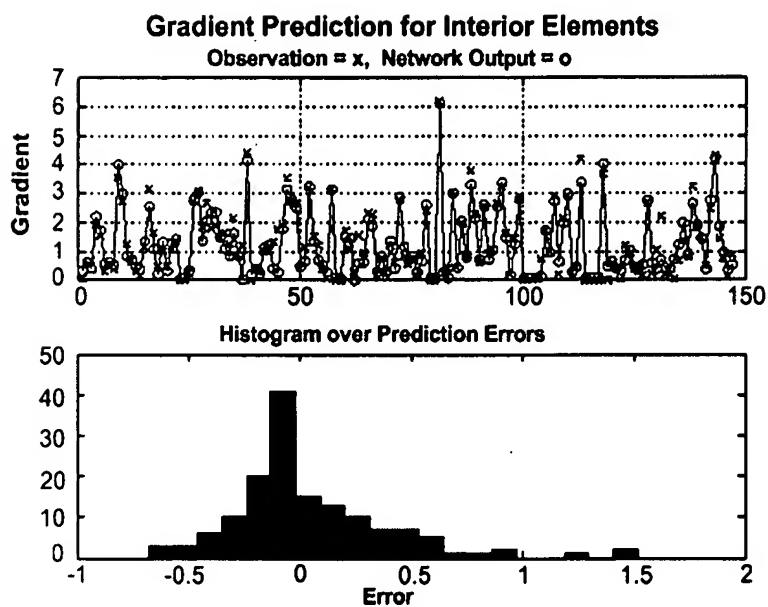
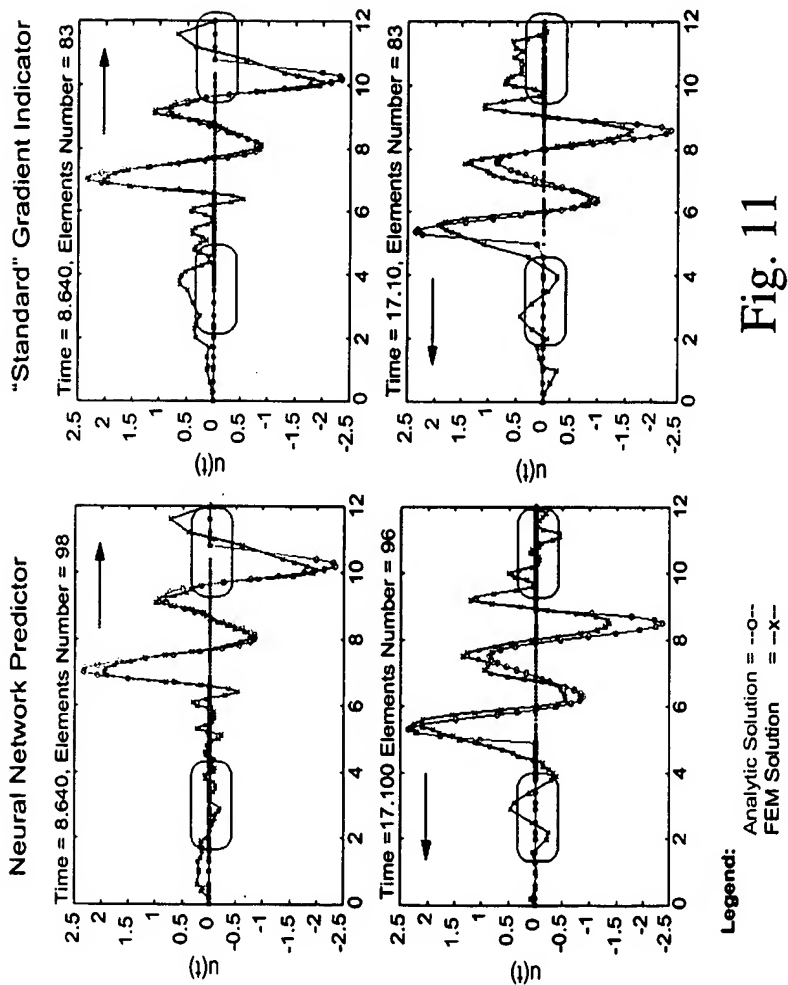
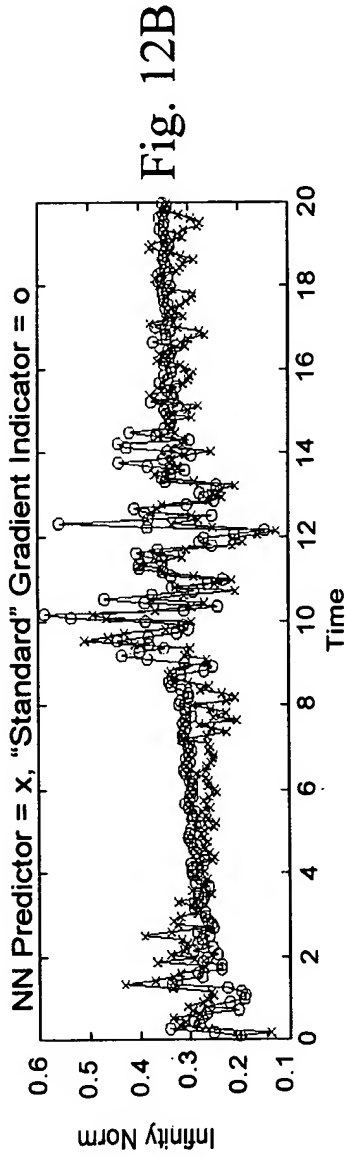
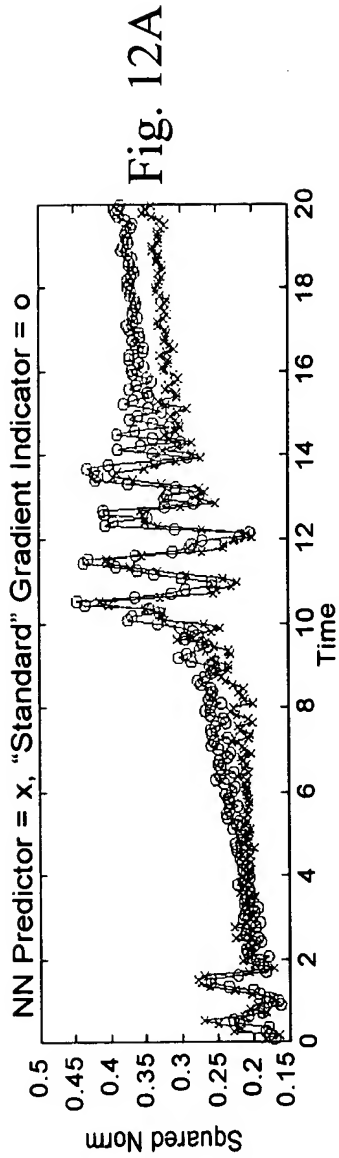
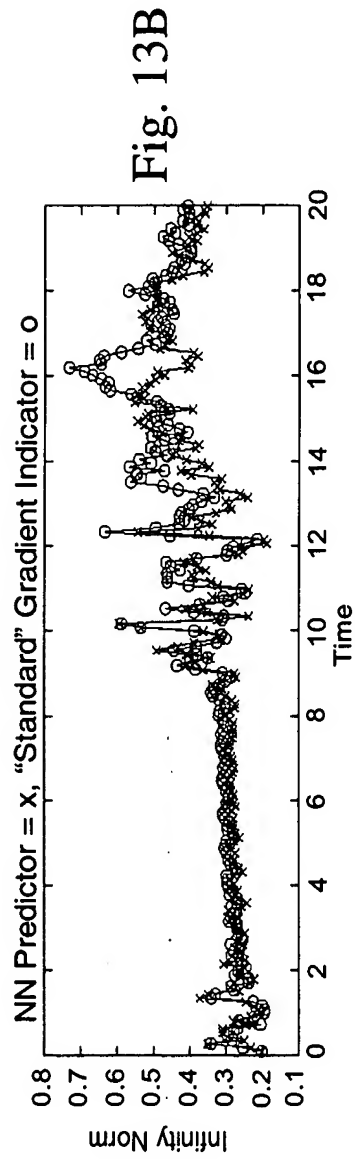
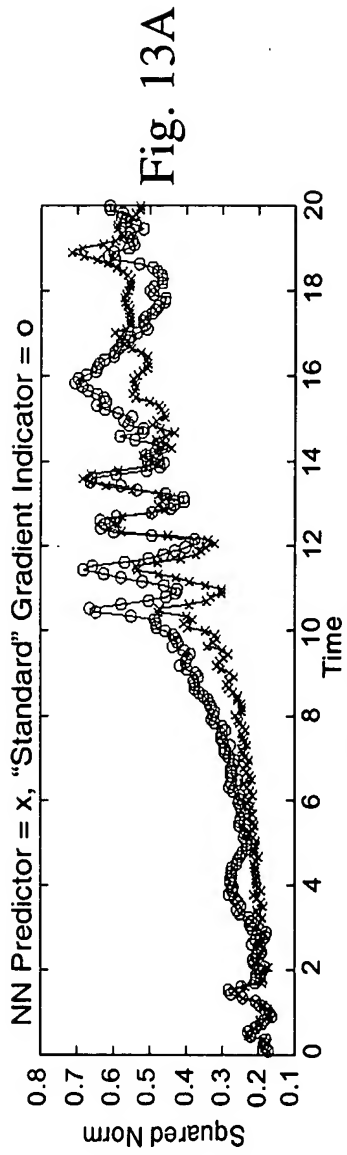


Fig. 10B







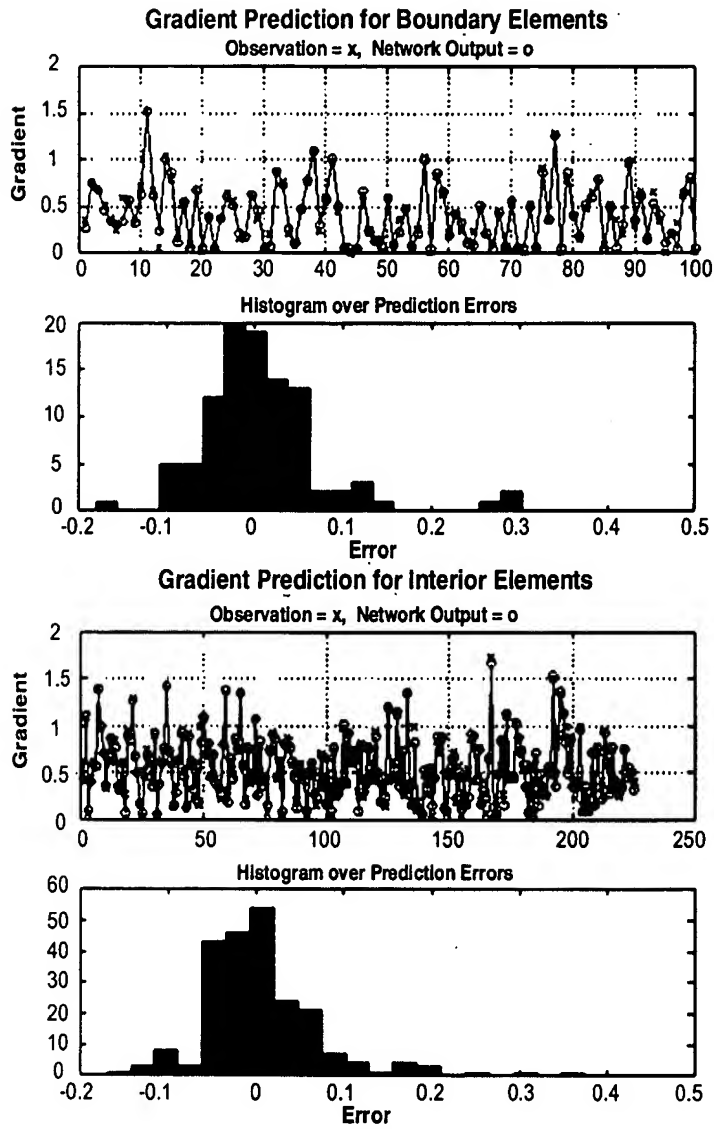


Fig. 14

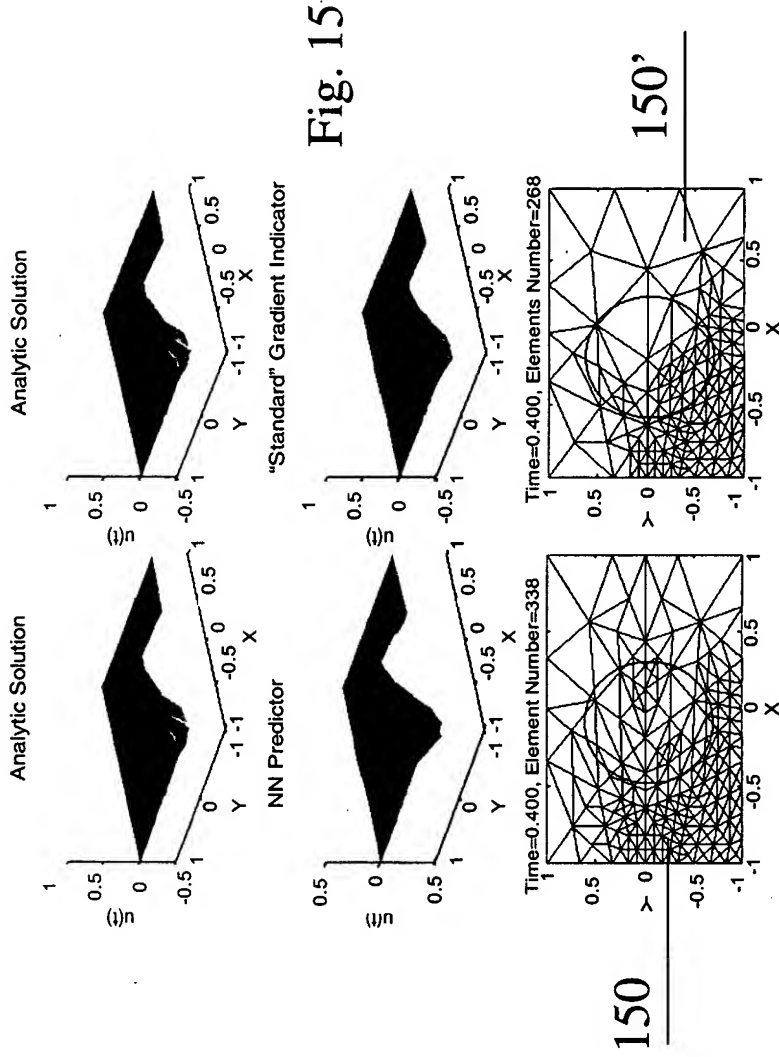


Fig. 15

